Out-of-State Institutions and
In-State Proprietary Institutions Offering Instruction in Indiana
with a Physical Presence in the State

DEGREE APPLICATION
(*New or Renewal program*)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution   Kaplan University

Name of Program   Master of Science in Cybersecurity Management (11.1003)

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, **MS**, Ph.D.)   MS

Name of Person Preparing this Form   Kelly Karki

Telephone Number   312-385-1416   **Application Type**

Date the Form was Prepared   October 7, 2015 **(Revised 11/23/2015)**   Initial X   or   Renewal
(Revise date after any revision)

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

Description

The Master of Science in Cybersecurity Management will prepare graduates for leadership roles directing and protecting critical information infrastructures. Students will learn to develop, implement, evaluate, and update the cybersecurity policies and practices that allow an organization to effectively respond to the dynamic cybersecurity landscape. Graduates will be adept in the management of information continuity, asset classification and control, compliance management, and the secure administration of IT infrastructure, as well as incident response.

Program Outcomes

1. Theory and Principles: Evaluate the theories, frameworks, principles, and best practices related to the management and leadership of cybersecurity technology efforts.
2. Project Management: Employ project management skills to construct strategies and policies for managing cyber threat anticipation, identification, evaluation, prevention, defense, and mitigation.
3. Decision Analysis: Analyze data to determine cybersecurity management strategies, plans, policies, and procedures in order to handle crises ethically and cost-effectively.
4. Cybersecurity Framework and Management: Apply appropriate technologies within a cybersecurity framework to evaluate and mitigate risk in contexts of uncertainty.

II. PROGRAM STRUCTURE: **List all courses in the program. Indicate course name, course number, and number of credit hours or clock hours for each course.**

Name of Program: Master of Science in Cybersecurity

Total Course Hours: 60   Check one: Quarter Hours   X

                                            Semester Hours ____

                                            Clock Hours   ____

Tuition : $ 24,120.00   Length of Program: 150 weeks

SPECIALTY COURSES:				
Course Number	Course Title			Course Hours
IT 513:	WRITING AND CRITICAL THINKING FOR THE IT PROFESSIONAL			4
IT 527:	FOUNDATIONS IN DATA ANALYTICS			4
IT 528:	QUANTITATIVE RISK ANALYSIS			4
IT 530:	COMPUTER NETWORKS			4
IT537	INTRODUCTION TO CYBERSECURITY			4
IT540:	MANAGEMENT OF INFORMATION SECURITY			4
IT541:	COMPUTER AND NETWORK SECURITY			4
IT542	ETHICAL HACKING AND NETWORK DEFENSE			4
IT544	Platforms, Applications and Data Security			4
IT545	Wireless, Mobile, and Cloud Security			4
IT 550:	COMPUTER FORENSICS AND INVESTIGATIONS			4
IT 590:	LEGAL AND ETHICAL ISSUES IN IT			4
IT591	IT Security Auditing and Assessments			4
IT592	Financial Management of Cybersecurity			4
IT595	Master's Capstone in Cybersecurity Management			4
LIBERAL ARTS COURSES:				

Course Number	Course Title		Course Hours
NA	NA		NA

Number of Credit/Clock Hrs. in Specialty Courses: 60 / 60   Percentage: 100%

Number of Credit/Clock Hrs. in General Courses: n/a / n/a   Percentage: 0

If applicable:
Number of Credit/Clock Hrs. in Liberal Arts: n/a / n/a   Percentage: 0

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

Students enrolled in one of the University's educational delivery systems are assured access to educational resources and services. The Kaplan University Online Library maintains and develops information resources and services that support the education goals of students, faculty, and staff. Through the Kaplan University Online Library's website, students have access to thousands of e-books and periodicals, including professional, scholarly, and trade journals, and other monographs.

Because library skills are an integral part of academic achievement, guidance on the use of research tools and resources is available through interactions with library staff, video demonstrations, and other instructional aids. The development of library skills is strengthened by research components built into the University's curriculum.

Professional librarians and trained support personnel are available to assist by email, live chat, and telephone. Normal staff hours are Monday-Friday: 9:30 am–7:00 pm ET. There are 8 full-time librarian staff members and 1 part-time member.

2.   Number of volumes of professional material:

See Above

3.   Number of professional periodicals subscribed to:

See Above

4.   Other library facilities in close geographical proximity for student access:

Not Applicable

IV. FACULTY: Attach completed Instructor's Qualification Record for each instructor.
** Include all required documentation **pertaining to the qualifications of each instructor.**

| Total # of Faculty in the Program: | | 8 | **Full-time:** | 2 | **Part-time:** | 6 |

Fill out form below: (PLEASE LIST NAMES IN <u>ALPHABETICAL</u> ORDER.)

List Faculty Names (Alphabetical Order)	Degree or Diploma Earned	# Years of Working Experience in Specialty	# Years Teaching at Your School	# Years Teaching at Other	Check one: Full-time	Check one: Part-time
Chicone, Rhonda	PhD, Northcentral University, Business Administration, 2010		5.1	0	X	
Cohen, Mark	MS, University of Louisville, Human Resource Education, 2011		5.2	0		X
Flick, Kenneth	MS, Capella University, Education, 2007		5.8	0		X
North, Matthew	MA, Uyof S.outh Florida, Business Economics, 2004		11	0		X
Rizvi, Syed	PhD, University of Virginia, Economics, 1990		10	0		X
Robinson, Jeffrey	MBA, Troy University, Accounting, 2008		12.5	0		X
Watts, Thomas	PhD, University of South Carolina, Business Administration, 1988		1.2	0		X
Williams, Lynne	PhD, Northcentral University, Business Administration, 2008		7.7	0	X	

Indiana Commission for Higher Education
Indiana Board for Proprietary Education
Supplementary Information on
Licensure, Certification, and Accreditation

Institution: Kaplan University

Degree Program: Master of Science in Cybersecurity Management

Locations: Indianapolis

State Licensure

Does a graduate of this program need to be licensed by the State to practice their profession in Indiana and if so, will this program prepare them for licensure? Possibly (certain areas of practice), and n/a. If so, please identify--The specific license(s) needed; The State agency issuing the license(s):

Areas of Professional Practice	Specific License Needed	State Agency Issuing the License
Security Guards	Yes	Indiana Private Investigator and Security Guard Licensing Board. http://www.in.gov/pla/pisg.htm
Private Investigator	Yes	Indiana Private Investigator and Security Guard Licensing Board. http://www.in.gov/pla/pisg.htm

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Professional Certification

What are the professional certifications that exist for graduates of similar program(s)? This degree is intended to prepare students for management roles in the industry and does not provide any certification preparation. The assumption is that students are likely to have some industry certifications upon entry (not required).

Will a graduate of this program be prepared to obtain national professional certification(s) in order to find employment, or to have substantially better prospects for employment, in a related job in Indiana? No.

If so, please identify

Each specific professional certification:

The national organization issuing each certification:

Please explain the rationale for choosing each professional certification:

Please identify the single course or a sequence of courses that lead to each professional certification?

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Professional Industry Standards/Best Practices

Does the program curriculum incorporate professional industry standard(s) and/or best practice(s)? If so, please identify the specific professional industry standard(s) and/or best practice(s): The organization or agency, from which the professional industry standard(s) and/or best practice(s) emanate:

- IEEE - Secure Software Development and Maintenance
- ISC(2) - Concepts from the Certified Secure Software Development Life Cycle Profressional (CSSLP) and Certified Information Systems Security Professional (CISSP)
- SEI (Software Engineering Institute) - Secure Coding Practices, Software Maturity Models
- OWASP (Open Web Application Security Project) -Software Assurance Maturity Model

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Program Accreditation

Does this program need specialized accreditation in order for a graduate to become licensed by the State or to earn a national professional certification, so graduates of this program can work in their profession or have substantially better prospects for employment? No.

If so, please identify the specialized accrediting agency:

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Transferability of Associate of Science Degrees: N/A

Since CHE/BPE policy reserves the Associate of Science designation for associate degrees whose credits apply toward meeting the requirements of a related baccalaureate degree, please answer the following questions:

Does a graduate of this A.S. degree program have the option to apply all or almost all of the credits to a related baccalaureate degree at your institution?

If so, please list the baccalaureate degree(s):

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List specific job titles and broad job categories that would be appropriate for a graduate of this program:

As excerpted from the website for the Bureau of Labor and Statistics:

Title	Description	Entry Level Education	2012 Median Pay
Computer and Information Research Scientists	Computer and information research scientists invent and design new approaches to computing technology and find innovative uses for existing technology. They study and solve complex problems in computing for business, medicine, science, and other fields.	Doctoral or professional degree	$102,190
Computer Network Architects	Computer network architects design and build data communication networks, including local area networks (LANs), wide area networks (WANs), and intranets. These networks range from a small connection between two offices to a multinational series of globally distributed communications systems.	Bachelor's degree	$91,000
Computer Programmers	Computer programmers write code to create software programs. They turn the program designs created by software developers and engineers into instructions that a computer can follow.	Bachelor's degree	$74,280
Computer Support Specialists	Computer support specialists provide help and advice to people and organizations using computer software or equipment. Some, called computer network support specialists, support information technology (IT) employees within their organization. Others, called computer user support specialists, assist non-IT users who are having computer problems.	See How to Become One	$48,900
Computer Systems Analysts	Computer systems analysts study an organization's current computer systems and procedures and design information systems solutions to help the organization operate more efficiently and effectively. They bring business and information technology (IT) together by understanding the needs and limitations of both.	Bachelor's degree	$79,680
Database Administrators	Database administrators (DBAs) use specialized software to store and organize data, such as financial information and customer shipping records. They make sure that data are available to users and are secure from unauthorized access.	Bachelor's degree	$77,080
Information Security Analysts	Information security analysts plan and carry out security measures to protect an organization's computer networks and systems. Their responsibilities are continually expanding as the number of cyberattacks increase.	Bachelor's degree	$86,170
Network and Computer Systems Administrators	Computer networks are critical parts of almost every organization. Network and computer systems administrators are responsible for the day-to-day operation of these networks.	Bachelor's degree	$72,560